



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

WP3 - ESCAPE repository

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Task 3.5

- Main points from proposal
 - Common service template
 - Applied to solutions developed in tasks 3.2-3.4
 - Repository
 - Regulations for the software quality
 - Auditing
 - Provenance and licensing
 - Authentication and authorisation
 - Version management
 - Repository implemented in phases
 - Definition of needs
 - Early demonstrator
 - Full integration in EOSC catalog of services



Task 3.5

- Common service template
 - Present services and software in an uniform way
 - Make sure the minimal information is given
 - Service description and purpose
 - Prerequisites
 - Installation procedure
 - Test files or code
 - Examples and/or tutorials
 - Authors
 - License
 - Releases, versionning...
 - Acknowledgements



Task 3.5

● Repository proposal

- GitLab hosted by IN2P3 for developments

<https://gitlab.in2p3.fr/escape2020>

- Similar to GitHub

- Features (see <https://about.gitlab.com/>):

- Code versioning
- Management: Audit, A&A, Project boards
- Continuous Integration, Code Quality verification
- Container registry (docker images)
- Releases
- Monitoring: metrics, logging...



Task 3.5

Repository proposal

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<https://gitlab.in2p3.fr/escape2020>

- Register with your EduGAIN account

Gitlab IN2P3

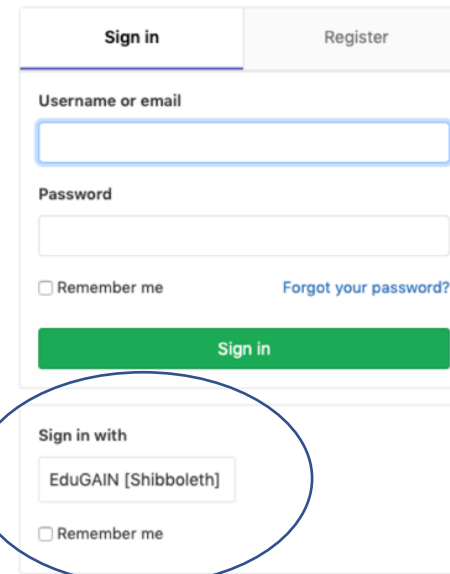
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<input type="button" value="EduGAIN [Shibboleth]"/>	
<input type="checkbox"/> Remember me	



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Task 3.5

● Repository proposal

- Zendodo for releases and publication

<https://zenodo.org/communities/escape2020>

- Provides life storage of fixed releases
(no risk of the repository to be deleted)
- Provides DOI
- Grant registration
- Developments registered ESCAPE community



Task 3.5

● Advantages:

- Solutions used by a large scientific community
 - Support
 - Shared tools and working environment
- Community owned services
- Software stored in Europe

